

Neuropeptide Y (YD15967) Rabbit mAb

货号: **AYD14953**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	IHC-P FC
推荐浓度	
理论分子量	11kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SH-SY5Y
细胞定位	Secreted, Cytoplasmic vesicle, secretory vesicle, neuronal dense core vesicle
纯化	

抗原信息

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靶点信息

研究背景	This gene encodes a neuropeptide that is widely expressed in the central nervous system and influences many physiological processes, including cortical excitability, stress response, food intake, circadian rhythms, and cardiovascular function. The neuropeptide functions through G protein-coupled receptors to inhibit adenyl cyclase, activate mitogen-activated protein kinase (MAPK), regulate intracellular calcium levels, and activate potassium channels. A polymorphism in this gene resulting in a change of leucine 7 to proline in the signal peptide is associated with elevated cholesterol levels, higher alcohol consumption, and may be a risk factor for various metabolic and cardiovascular diseases. The protein also exhibits antimicrobial activity against bacteria and fungi.
基因ID	4852

基因名	NPY
Swiss	P01303
别名	Neuropeptide Y (YD15967)

产品验证

实验步骤

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